

TECHSPEC[®] 12.5mm Dia +0.50λ Aberration, Spherical Aberration Plate



Spherical Aberration Compensation Plates

Stock #66-751 3-5 DAYS

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1

+

A\$672.00

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Aberration:
+0.50λ±λ/16 @ 587nm

Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
>85

Clear Aperture CA (mm):

11.25
Diameter (mm): 12.50 +0.00/-0.25
Thickness (mm): 3.00 ±0.20
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.1 (-30 to +70°C) 8.3 (+20 to +300°C)
Density (g/cm³): 2.51
Edges: Fine Ground
Index of Refraction n_d: 1.516
Knoop Hardness (kg/mm²): 610
Parallelism (arcmin): <1
Poisson's Ratio: 0.206
Substrate: N-BK7
Surface Quality: 60-40
Type: Specialty Window
Wavelength Range (nm): 350 - 2200
Young's Modulus (GPa): 82

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View